

Converting Colors

XYZ(31.0771, 57.4074, 17.4820)

Have a look what the booklet for
XYZ(31.0771, 57.4074, 17.4820)
contains.

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Color

**XYZ(31.0636, 57.4321,
17.4309)**

Conversions

Conversions Part 1

Format	Color
Hex	36E552
RGB	54, 229, 82
RGB Percent	21%, 90%, 32%
CMY	0.7882, 0.1019, 0.6784
CMYK	0.76, 0.00, 0.64, 0.10
HSL	130°, 77%, 55%
HSV	130°, 76%, 90%
XYZ	31.0636, 57.4321, 17.4309
YIQ	159.9170, -57.1130, -82.8170

Conversions

Conversions Part 2

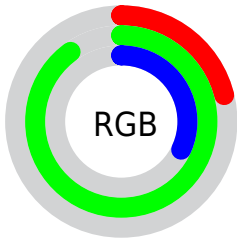
Format	Color
RYB	54, 205, 229
Decimal	3597650
CIELab	80.42, -71.20, 57.65
CIELCh	80, 91.614, 141.005
Yxy	57.4321, 0.2933, 0.5422
Android (android.graphics.Color)	4281787730 (0xFF36E552)
YUV	159.9170, -38.4131, -92.8892
Hunter-Lab	75.7840, -59.4554, 39.4116

Details

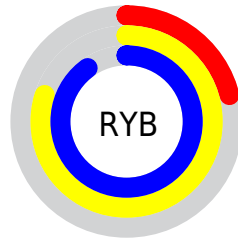
The XYZ color **31.0636, 57.4321, 17.4309** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **44.1763, 23.5142, 57.4689**, and the grayscale version is **33.5669, 35.3150, 38.4580**.

A 20% lighter version of the original color is **49.1774, 77.9153, 36.1142**, and **14.8879, 29.5592, 5.6303** is the 20% darker color. If you saturate the color by 10%, you get **29.4793, 56.6901, 14.0573**, and if you desaturate by 10%, it is **33.4338, 58.5589, 21.9146**.

Distribution



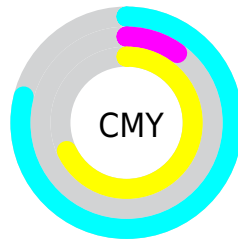
- Red (21%)
- Green (90%)
- Blue (32%)



- Red (21%)
- Yellow (80%)
- Blue (90%)



- Cyan (76%)
- Magenta (0%)
- Yellow (64%)
- Black (10%)



- Cyan (79%)
- Magenta (10%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0636, 57.4321, 17.4309 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 31.0636, 57.4321, 17.4309 by changing the saturation by 10% instead.

31.0636, 57.4321,
17.4309

31.0636, 57.4321,
17.4309

298.6529,
415.0665, 249.7709

20.7993, 41.3523,
10.3770

60.7153, 101.0954,
39.8659

13.0890, 28.5944,
5.5408

80.8336, 129.4477,
56.0841

7.5673, 18.7742,
2.5037

104.9671,
162.6595, 76.1942

3.8688, 11.5073,
0.8421

133.4814,
201.1153, 100.6146

1.6282, 6.4091,
0.0000

166.7418,
245.1996, 129.7639

0.4107, 3.0954,
0.0000

205.1136,

0.0000, 1.1817,

295.2966, 164.0607

0.0000

248.9621,
351.7907, 203.9235

■ 0.0000, 0.0467,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 31.0636, 57.4321,
17.4309

■ 31.0636, 57.4321,
17.4309

■ 29.4793, 56.6901,
14.0573

■ 33.4338, 58.5589,
21.9146


■ 28.5690, 56.2722,
11.6929


■ 36.6732, 60.1066,
27.5901


■ 28.3488, 56.1723,
11.0694


■ 40.8587, 62.1149,
34.5357


■ 46.0575, 64.6169,
42.8221

 52.3305, 67.6428,
52.5147

 59.7341, 71.2201,
63.6745

 68.3204, 75.3747,
76.3591

 78.1383, 80.1304,
90.6229

 87.3105, 84.5209,
106.3202

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.6433, 57.4321, 7.1580



31.0636, 57.4321, 17.4309



26.1322, 57.4321, 47.7232

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31.0636, 57.4321, 17.4309



49.1360, 57.4321, 230.3105



95.6978, 57.4321, 32.3138

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



31.0636, 57.4321, 17.4309



44.1763, 23.5142, 57.4689

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.5683, 57.4321, 80.1296



31.0636, 57.4321, 17.4309



68.5766, 57.4321, 217.2143

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



31.0636, 57.4321, 17.4309



34.8776, 57.4321, 182.2115



87.7245, 57.4321, 152.7537



80.5988, 57.4321, 11.6846

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



31.0636, 57.4321, 17.4309



26.2671, 57.4321, 84.4189



87.7245, 57.4321, 152.7537



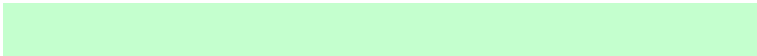
98.2425, 57.4321, 44.8012

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



31.0650, 57.4345, 17.4322



69.7245, 87.7461, 71.4857



53.2479, 68.9692, 13.9960



14.2294, 18.4459, 14.2454



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.0650, 57.4345, 17.4322



36.8189, 71.9778, 15.9476



36.5867, 59.6432, 46.5092



14.2829, 16.1266, 15.7545



16.2365, 32.1267, 6.4796



1.2285, 2.3855, 0.6301

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



44.1763, 23.5142, 57.4689



54.0816, 26.8083, 68.2837



36.7427, 20.5407, 18.3240



14.8908, 14.5735, 17.6255



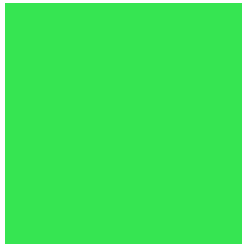
23.9750, 11.7242, 29.8268



1.7983, 0.8770, 2.3446

Previews

White Background



This preview shows how the XYZ color 31.0636, 57.4321, 17.4309 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 31.0636, 57.4321, 17.4309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

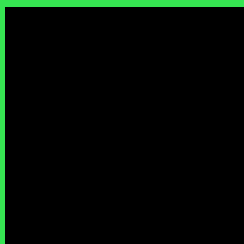
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

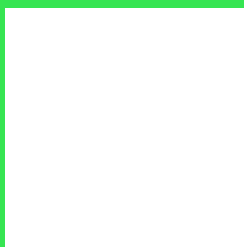
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.0636, 57.4321, 17.4309

Background



This preview shows how black text looks on a background with the XYZ color 31.0636, 57.4321, 17.4309.

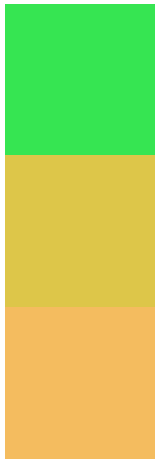


This preview shows how white text looks on a background with the XYZ color 31.0636, 57.4321, 17.4309.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

31.0636, 57.4321, 17.4309

Protanopia

51.2155, 56.2414, 14.4597

Deuteranopia

57.3570, 56.0258, 18.6175



Tritanopia

44.3210, 56.8624, 84.9835

Trichromacy



Original Color

31.0636, 57.4321, 17.4309



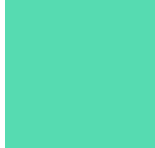
Protanomaly

38.6022, 53.5963, 15.1481



Deuteranomaly

40.8806, 52.5640, 17.6641



Tritanomaly

37.1051, 55.8158, 50.4129

Monochromacy



Original Color

31.0636, 57.4321, 17.4309



Achromatopsia

33.4132, 35.1533, 38.2819



Achromatomaly

29.3990, 40.4288, 28.0838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0636, 57.4321, 17.4309 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(54, 229, 82)` looks like.

```
.text, #text, p{  
    color:rgb(54, 229, 82)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(54, 229, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 229, 82) }
```

Border

The CSS property to change the border of an element to XYZ 31.0636, 57.4321, 17.4309 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(54, 229, 82) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(54, 229, 82) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(54, 229, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 229, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 229, 82);  
box-shadow:4px 4px 4px 4px rgb(54, 229,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0636, 57.4321, 17.4309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 229, 82) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(54, 229,  
82) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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